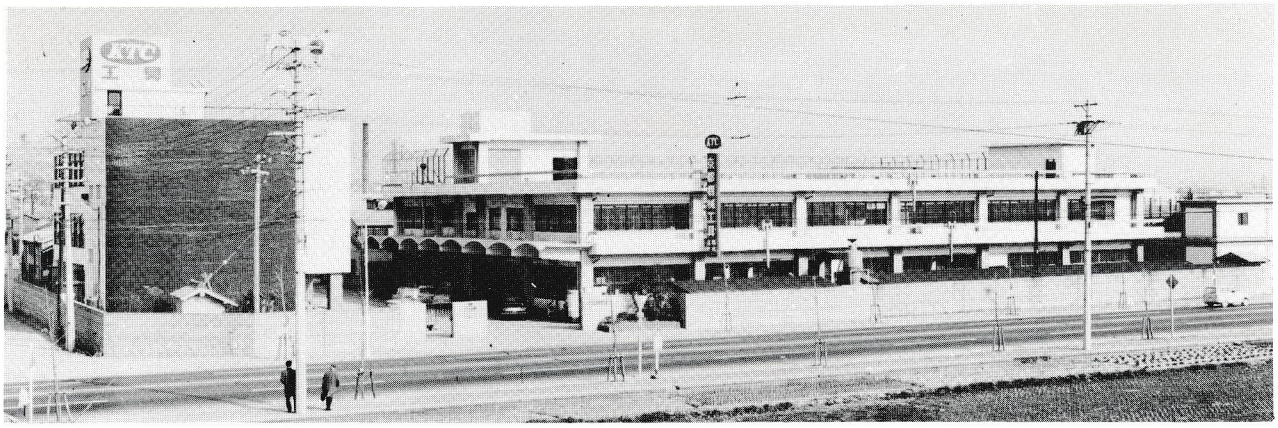
KTC HAND TOOLS



The above photo shows the front view of our plant and office.

The second 5-year rationalization and expansion plan started in 1966 and strenuous efforts are now being made for rationalization of management in order to increase production and to make better tools. (New Factory is now under construction on the adjacent site of the present factory.) It is our ardent desire at all times to give entire satisfaction to all of K.T.C. users.

Ever since the establishment of the company, K.T.C. vehicle tools has been adopted by Toyota Motoer Co., and today each and every Toyota car is load with K.T.C. hand tools. Not only Toyota, but also Nissan Motor Co. is one of our best.

During the period of 1953-1960, government permission for indication of JIS (Japan Industrial Standard) has been qualified on 10 items of K.T.C. tools such as Socket Wrench, Open End Wrench, Pliers, etc.

It is to be particularly mentioned that in 1953 government recognition of Grade A for Excellent Automobile Parts was granted on K.T.C. tools, our company is the only one in Japan having government recognition of Grade A.

Since 1960, big quantities of K.T.C. tools, particularly Open-End Wrenches, Combination Wrenches, Pipe Wrenches, etc. have been exported to U.S.A., Canada and Europe regularly each month as first grade goods with the result that the company has been granted government recognition of Export Contribution Enterprise.

Features of K.T.C. Tools

1. Raw Material: Most selected material supplied by two influential makers of special steel under a regular contract and passed by strict analysis of K.T.C. is used.
   All receiving material is closely inspected and tested and kept under good control.
2. Excellent Technique, Equipments & Management:
   Technique: All available data gathered from various scientific fields is positively introduced and applied to manufacturing technique by K.T.C. after supplementary research by our technical committee.
   Equipments: Most of the manufacturing machinery equipped are those which were designed by ourselves and are intended for increasing efficiency and improving quality.
   For example, for heat treatment, we have the up-to. date anti-oxidation heat treating apparetus designed by ourselves which controls heat limit within ±5°C and time limit within ±10 seconds by perfect automation.
   Quality Control: The fact that our company is granted goverment permission for JIS indication to appear on our products and government recognition of Grade A factory of excellent automobile parts certifies that our quality control is perfect.
3. Appearance & workmanship: All K.T.C. tools are finished with "Barrel" polish to make grip comfortable and 3 times plated with copper, nickel and chrome controlling thickness over 20 micron for perfect rust preventive. As stated above, "So Toughness, Yet So Light, Easy-to-use" K.T.C. tools are made from best matreial, using excellent machinery & equipments, under highest technique and careful supervision.

KTC SOCKET WRENCHES (PAT'D ㊙)

Patented-We have the unique patent of manufacturing process.

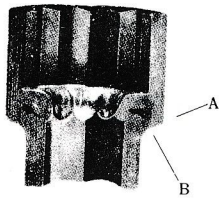
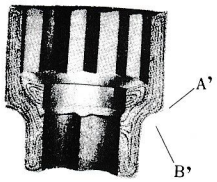
We recommend with confidence and pride our Socket Wrench of highest quality.

So Toughness:

3 times stronger than JIS requirements because metallic fibrous-structurs lengthway along the outside shape.

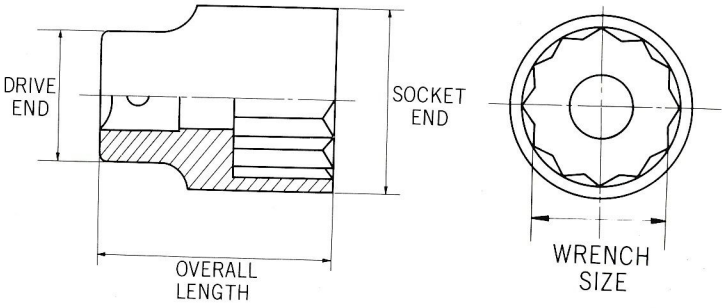
Yet So Light:

20% lighter than other makers' products and never rust because no cutting waste remains inside.

	Old Products	KTC New Products
		
1. Fibre line	Straight as A and weak	As shown by A' fibre line continues and is strong
2. Cutting Waste in Socket Bottom	Cutting Waste remaining at B rusts after plating	No rusting but beautiful and smooth as no cutting waste remains at B'
3. Crumbling of Socket Part	Dimension is inaccurate due to manufacturing defect, so double-hexagonal part often crumbles	Dimension is quite accurate and no fear of crumbling

Thin shaped and can be used in narrow space. Both parts of Socket & Square being made so precisely without crumbling that wrench dose not spoil Bolt & Nut and helps pleasant work.

1/2 sq SOCKET WRENCHES



SOCKET WRENCHES (PAT'D ㊙)

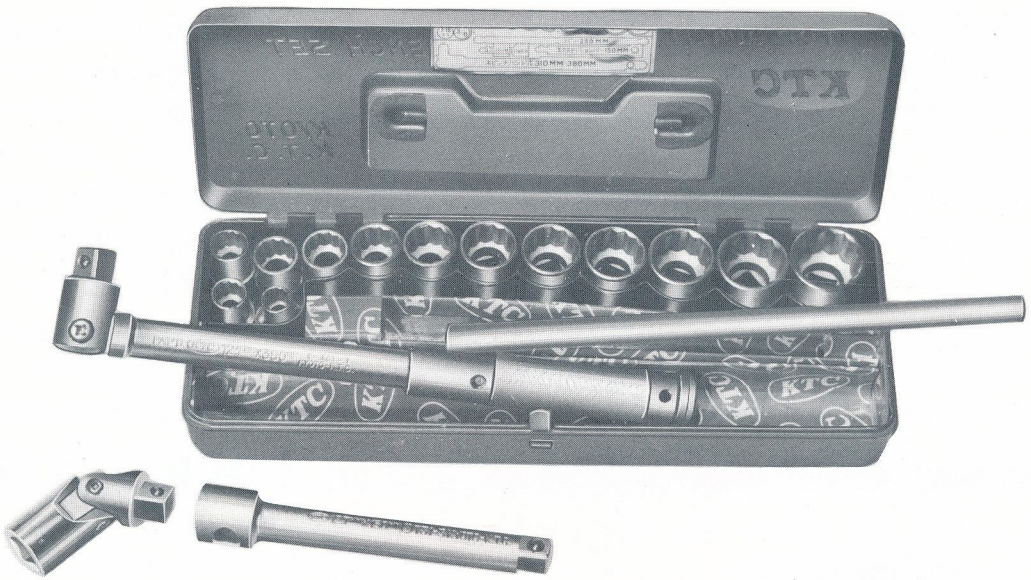
B 30 (1/2 sq. MM. SIZE)

STOCK NO.	WRENCH SIZE	OUT SIDE DIAMETER		OVERALL LENGTH	WEIGHT	UNIT PRICE
		SOCKET END	DRIVE END			
B30-08	8	12	22	36	40g	
B30-10	10	15	〃	〃	40	
B30-11	11	16	〃	〃	50	
B30-12	12	17	〃	〃	50	
B30-13	13	19	〃	〃	50	
B30-14	14	20	〃	37	50	
B30-17	17	24	〃	39	60	
B30-19	19	26	25	〃	80	
B30-21	21	29	〃	40	90	
B30-22	22	30	〃	41	100	
B30-23	23	31	〃	〃	100	
B30-24	24	33	〃	42	110	
B30-26	26	35	〃	44	130	
BS30	SPINNER HANDLE 300～380m/m				600	
BL30	SLIDING BAR 250m/m				220	
BE30-150	EXTENSION BAR 150m/m				230	
BJ30	UNIVERSAL JOINT				180	
B313-M	METAL CASE 300×100×50m/m				660	

BB 30 (1/2 sq. INCH SIZE)

STOCK NO.	WRENCH SIZE	OUT SIDE DIAMETER		OVERALL LENGTH	WEIGHT	UNIT PRICE
		SOCKET END	DRIVE END			
BB30-12	3/8	14	22	36	40g	
BB30-14	7/16 (11)	16	〃	〃	〃	
BB30-16	1/2 (13)	18	〃	〃	50	
BB30-18	9/16 (14.5)	20	〃	37	〃	
BB30-19	19/32	21	〃	〃	〃	
BB30-20	5/8 (16)	23	〃	39	70	
BB30-22	11/16 (17.5)	24	〃	〃	60	
BB30-24	3/4	26	25	〃	80	
BB30-25	25/32	27	〃	〃	〃	
BB30-26	13/16	28	〃	40	90	
BB30-28	7/8	30	〃	41	〃	
BB30-30	15/16	32	〃	42	100	
BB30-32	1/1 (24.5)	34	〃	44	110	
BS30	SPINNER HANDLE 300～380m/m				600	
BL30	SLIDING BAR 250m/m				220	
BE30-150	EXTENSION BAR 150m/m				230	
BJ30	UNIVERSAL JOINT				180	
BB313-M	METAL CASE 300×100×50m/m				660	

1/2 sq SOCKET WRENCH UTILITY SETS



SET NO.	UTILITY SET		TOTAL PRICE/SET
B313	10. 11 (7/16). 12. 13 (1/2). 14. 14.5 (9/16). 16 (5/8). 17. 17.5 (11/16). 19. 21. 23. 26	SPINNER HANDLE 300～380m/m SLIDING BAR 250m/m EXTENSION BAR 150m/m UNIVERSAL JOINT METAL CASE 300×100×50m/m	
BB313	3/8. 7/16 (11). 1/2 (13). 9/16 (14.5). 19/32. 5/8 (16). 11/16 (17.5). 3/4. 25/32. 13/16. 7/8. 15/16. 1/1		
B3013	8. 10. 11. 12. 13. 14. 17. 19. 21. 22. 23. 24. 26		

SOCKET WRENCHES (PAT'D ㊐)

3/4 sq HEAVY DUTY SOCKET WRENCH SET

SET No. B406 (MM. SIZE)

TOTAL PRICE/SET _____

STOCK NO.	WRENCH SIZE	OUT SIDE DIAMETER SOCKET END	OUT SIDE DIAMETER DRIVE END	OVERALL LENGTH	WEIGHT	UNIT PRICE
B40-26	26	36	34	51	190g	
B40-29	29	39	〃	52	210	
B40-32	32	44	〃	55	280	
B40-35	35	48	37	57	350	
B40-38	38	52	〃	60	400	
41	41	55	〃	64	460	
BH40 / BL 40	SLIDING HANDLE BAR & HEAD				280 / 1,380	
BE40	EXTENSION BAR 200m/m				760	
B406-M	METAL CASE 335×100×67m/m				1,060	

SET No. BB408 (INCH SIZE)

TOTAL PRICE/SET _____

STOCK NO.	WRENCH SIZE	OUT SIDE DIAMETER SOCKET END	OUT SIDE DIAMETER DRIVE END	OVERALL LENGTH	WEIGHT	UNIT PRICE
BB40-34	1 1/16	37	34	51	200g	
BB40-36	1 1/8	39	〃	52	210	
BB40-38	1 3/16	41	〃	54	240	
BB40-40	1 1/4	44	〃	55	280	
BB40-44	1 3/8	48	37	57	340	
BB40-46	1 7/16	50	〃	57	350	
BB40-48	1 1/2	52	〃	60	370	
BB40-52	1 5/8	56	〃	64	450	
BH40 / BL 40	SLIDING HANDLE BAR & HEAD				280 / 1,380	
BE40	EXTENSION BAR 200m/m				760	
BB408-M	METAL CASE 335×100×67m/m				1,060	

1/4 sq IGNITION SOCKET WRENCH SET

Usage ~~Uasge~~: This small wrench is most suitable to be used for Distributor Ignition lineage, also for Radio, Television, etc.

SET No. B108 (MM. SIZE)

TOTAL PRICE/SET _____

STOCK NO.	WRENCH SIZE	OUT SIDE DIAMETER SOCKET END	OUT SIDE DIAMETER DRIVE END	OVERALL LENGHT	WEIGHT	UNIT PRICE
B10-04H	4	7	11	21	10	
B10-05H	5	8	〃	〃	10	
B10-06H	6	9.5	〃	〃	10	
B10-07H	7	10.5	〃	〃	10	
B10-08	8	12	12	〃	10	
B10-09	9	13.5	13.5	〃	10	
B10-10	10	15	15	〃	20	
B10-12	12	17.5	17.5	〃	20	
BS10	SPINNER HANDLE 150m/m				90	
BL10	SLIDING BAR 100m/m				20	
ID-50	DRIVER				60	
B108-M	METAL CASE 300×100×50m/m				150	

※ H=SINGLE HEX. (6-POINT)

SET No. BB108 (INCH SIZE)

TOTAL PRICE/SET _____

STOCK NO.	WRENCH SIZE	OUT SIDE DIAMETER SOCKET END	OUT SIDE DIAMETER DRIVE END	OVERALL LENGTH	WEIGHT	UNIT PRICE
BB10-06H	3/16	7.5	11	21	10	
BB10-07H	7/32	8.5	〃	〃	10	
BB10-08H	1/4	9.5	〃	〃	10	
BB10-09H	9/32	10.5	〃	〃	10	
BB10-10	5/16	12	12	〃	10	
BB10-11	11/32	13	13	〃	10	
BB10-12	3/8	14	14	〃	10	
BB10-14	7/16	16	16	〃	20	
BS10	SPINNR HANDLE 150m/m				90	
BL10	SLIDING BAR 100m/m				20	
IP-50	DRIVER				60	
BB108-M	METAL CASE 300×100×50m/m				150	

H=SINGLE HEX. (6-POINT)

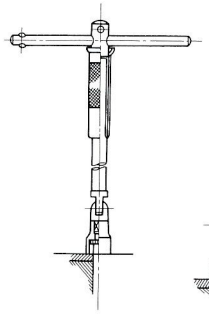
SOCKET WRENCH PARTS (PAT'D ㊐)

SPINNER HANDLES

(BS30)

(B510)
(BS10)

STOCK NO.	SQUARE DRIVE	OVERALL LENGHT	WEIGHT	UNIT PRICE
BS10	¼ (6.3)mm	150	90g	
BS30	½(12.7) mm	300～380	600	



Usage
~~(Uasge)~~

illustration No. 1

Use as illustrated in case of quick tightning

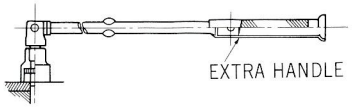
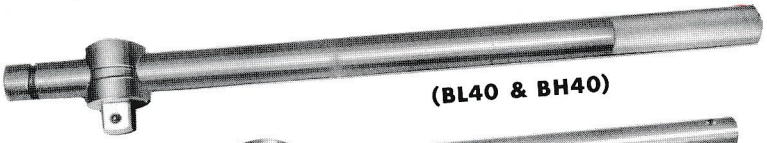


illustration No. 2

For tighten firmly, use by extending extra handle to full length.

SLIDING BARS & HEAD



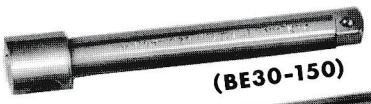
(BL40 & BH40)

(BL30 & BH30)

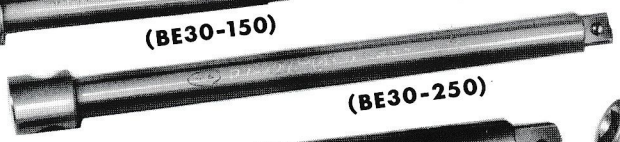
(BL10)

STOCK NO.	SQUARE DRIVE	OVERALL LENGHT	WEIGHT	UNIT PRICE
BL 10	¼ (6.3)	100	20g	
BL 30	½ (12.7)	250	220	
BL 40	¾ (19)	500	1,380	
BH30	½ (12.7)		90	
BH40	¾ (19)		280	

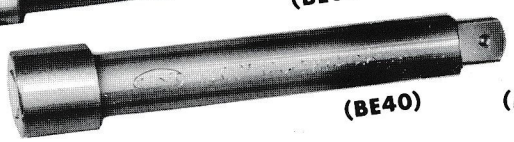
EXTENSION BARS & UNIVERSAL JOINT



(BE30-150)



(BE30-250)



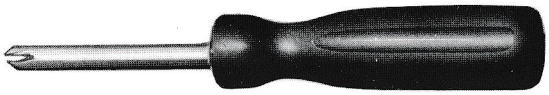
(BE40)

(BJ30)

STOCK NO.	SQUARE DRIVE	OVERALL LENGHT	WEIGHT	UNIT PRICE
BE30-150	½(12.7)	150	230g	
BE30-250	½(12.7)	250	290	
BE40	¾(19)	200	760	
BJ 30	¾(12.7)		180	

SPECIAL SOCKETS & PARTS

STOCK NO.	WRENCH SIZE	OUT SIDE DIAMETER		OVERALL LENGTH	WEIGHT	UNIT PRICE
		SOCKET END	DRIVE END			
B40-46	46	61	44	67	600g	
B40-50	50	66	〃	70	650	



STOCK NO.	OVERALL LENGHT	WEIGHT	UNIT PRICE
ID-50	50	60g	

RACHET HANDLES (PAT'D ㊗)
STUD REMOVER

Material & Heat-tretment:

K.T.C. Rachet Handles are made with superior quality material and specially heat-treated parts are used on important points.

Strength:

20% over JIS torque test requirement.

BR

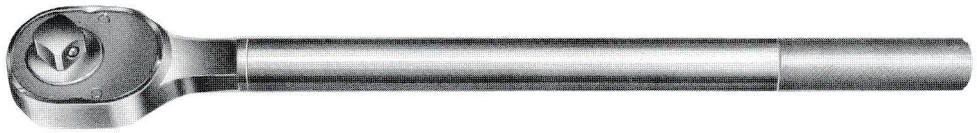
STOCK NO.	SQUARE DRIVE	OVERALL LENGTH	WEIGHT	UNIT PRICE
BR10	¼ (6.3)	125	80g	
BR30F	½ (12.7)	270	480	
BR40	¾ (19)	500	1,840	

Structure: Transforming old type to inside-rach, made smaller and lighter.

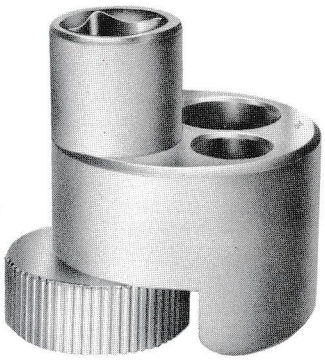
Handle: Made strong based on theory of dynamics and easy to grip.

Square Drive: The same extrusion system as the patented method for structure of socket is adopted, and continued metallic fibre runs along the shape, hence strength is doubled.

Apperance: Beautiful appearance with 3 coatings of Copper-Nickel-Chrome plating done by perfect automatic ststem and no evidence of rusting.



STUD REMOVER



BSR

STOCK NO.	SQUARE DRIVE	WEIGHT	UNIT PRICE
BSR30	½ (12.7)	400g	

K.T.C. Stud Remover are forged from superior special steel and applied with most logical process.

Furthermore Concerning most important property of toughness and durability, our longical continuous heat-treatment make them exceedingly hard, tough and tenacious.

That is make whole portion flexible with giving springy by quenching and tempering process and kurled portion are further applied treatment of high frequency induction quenching.

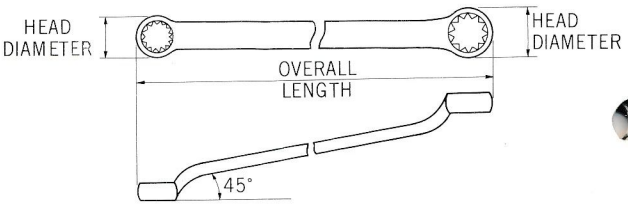
OFFSET WRENCHES (㊗)

So Toughness: powerful enough to stand 120~130% load of U.S. Federal Spec. requirement.

Yet So Light: Outer diameter of Head is made in minimum size and Handle is thin and elliptic. Looks smart and light in weight.

Made in 3 kinds of angle to be selected according to place of use and usage. Feeling of grip is comfortable because of "Barrel" polishing finish, 3-time plating of Copper, Nickel & Chrome.

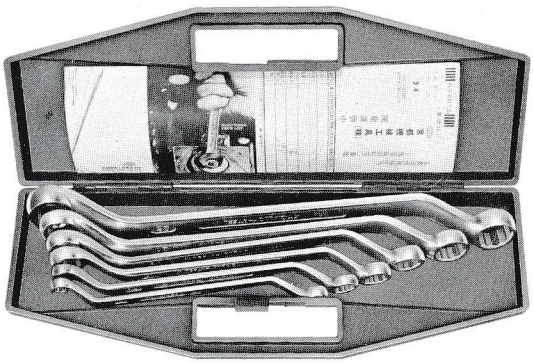
45° LONG TYPE OFFSET WRENCHES



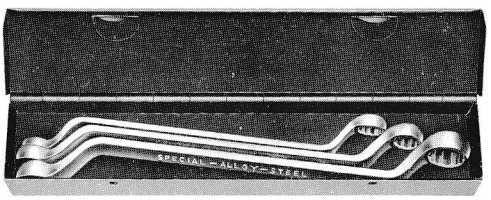
STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
M25-0809	8× 9	14.5×15.5	160	60g	
M25-1012	10×12	16.5×19	180	70	
M25-1214	12×14	19 ×22	200	110	
M25-1417	14×17	22 ×26	220	150	
M25-1719	17×19	26 ×28.5	245	220	
M25-1921	19×21	28.5×31	280	310	
M25-2123	21×23	31 ×33.5	295		
M25-2326	23×26	33.5×37.5	320	480	

STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
MB25-1214	3/8 × 7/16	16 ×18	180	70g	
MB25-1618	1/2 × 9/16	20 ×22	200	110	
MB25-2022	5/8 × 11/16	24 ×26	220	150	
MB25-2425	3/4 × 25/32	28.5×29.5	245	210	
MB25-2628	13/16 × 7/8	30.5×32.5	280	310	
MB25-3032	15/16 × 1/1	34.5×36.5	320	460	
M 256-P MB256-P	PLASTIC CASE 375×135×40m/m			270	
M 253-M MB253-M	METAL CASE 256× 50×30m/m			340	

45° LONG TYPE OFFSET WRENCH SET



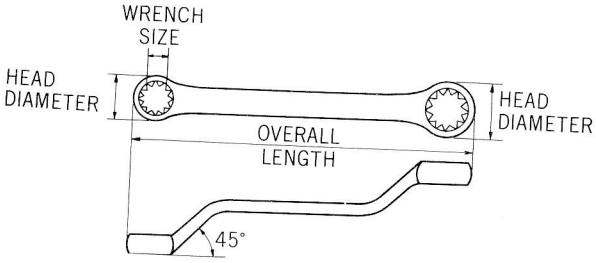
SET NO.	WRENCH SIZE	TOTAL PRICE/SET
M256 (6PC)	10×12・12×14・14×17・17×19 19×21・23×26	
	PLASTIC CASE 375×135×40m/m	
MB256 (6PC)	3/8×7/16・1/2×9/16・5/8×11/16・3/4×25/32 13/16×7/8・15/16×1/1	
	PLASTIC CASE 375×135×40m/m	



SET NO.	WRENCH SIZE	TOTAL PRICE/SET
M253 (3PC)	10×12・12×14・14×17	
	METAL CASE 256×50×30m/m	
MB253 (3PC)	3/8×7/16・1/2×9/16・5/8×11/16	
	METAL CASE 256×50×30m/m	

KTC OFFSET WRENCHES

45° SHORT TYPE OFFSET WRENCH SET



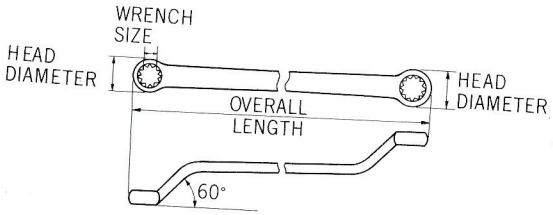
SET No. M203 (MM. SIZE) TOTAL PRICE/SET

STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
M20-1012	10×12	15.1×18.5	105	40 g	
M20-1417	14×17	21 ×24.5	150	110	
M20-1912	19×21	28 ×32	155	180	
	VINYL POUCH			10	

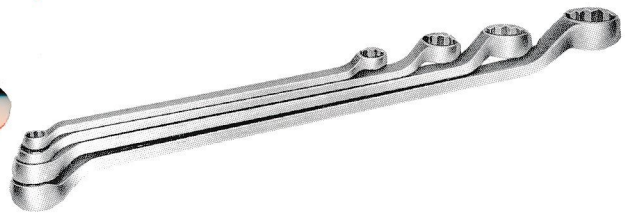
SET No. MB203 (INCH SIZE) TOTAL PRICE/SET

STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
MB20-1214	3/8×7/16	14.1×16.3	105	50 g	
MB20-1618	1/2×9/16	19 ×21	135	90	
MB20-2024	5/8×3/4	22.8×27.4	155	160	
	VINYL POUCH			10	

60×10° LONG TYPE OFFSET WRENCH SET

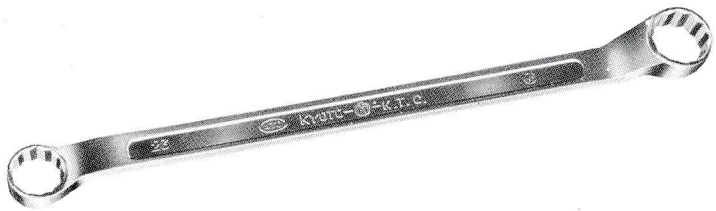


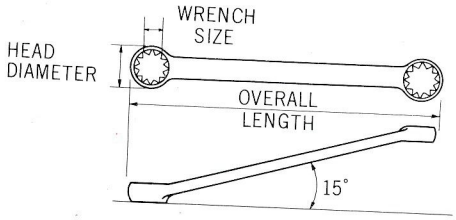
SET NO.	WRENCH SIZE	TOTAL PRICE/SET
M353 (3PC)	10×12・14×17・19×21	
	CLAMP	
M354 (4PC)	10×12・14×17・19×21・23×26	
	CLAMP	



STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
M35-1012	10×12	16 ×19	190	70 g	
M35-1417	14×17	21.5×25.5	230	140	
M35-1721	17×21	25.5×30.5	260		
M35-1921	19×21	28 ×30.5	270	250	
M35-2126	21×26	30.5×37	295		
M35-2326	23×26	33 ×37	320	390	
M353-~~G~~ H M354-~~G~~ H	CLAMP			10	

15° LONG TYPE OFFSET WRENCHES





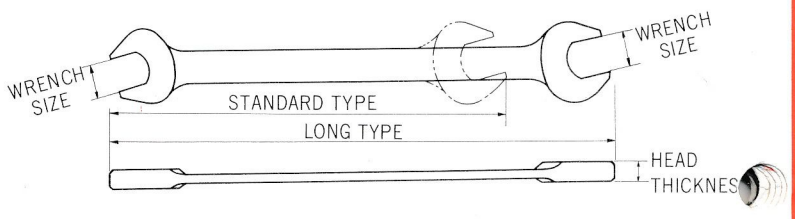
STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
M10-2632	26×32	38×46	300		
〃 2932	29×32	42×46	400		
〃 3235	32×35	47×51	350		
〃 3541	35×41	51×59	400		

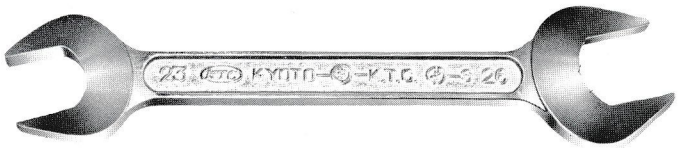
KTC OPEN END WRENCHES (㊐)

So Toughness: K.T.C. Open-End Wrench is powerful enough to stand over 120% load of U.S. Fedral Specification, not to speak of JIS, because it is made of superior quality material (Ni-Cr-V Steel) developed by our company with the latest Anti-Acid equipment and by best heat treatment.

Yet So Light: K.T.C. Open-end Wrench is thin shaped and light in weight, head being made in spear type.

K.T.C. peculiar "Barrel" polish. Special corner work applied to top of mouth and broach process (patented) applied to inside of mouth, so head of bolt and nut is not spoiled. Pleasant feeling of use. Beautiful appearance 3 coatings of Copper, Nickel & Chrome.





STANDARD LENGTH (MM. SIZE)

STOCK NO.	WRENCH SIZE	HEAD THICKNESS	OVERALL LENGTH	WEIGHT	UNIT PRICE
S10-0607	6× 7	3	95	10g	
S10-0809	8× 9	4	110	20	
S10-1012	10×12	5.5	130	40	
S10-1214	12×14	6	140	50	
S10-1417	14×17	6.5	160	80	
S10-1719	17×19	7	180	120	
S10-1921	19×21	7.5	200	160	
S10-2123	21×23	8	215	180	
S10-2326	23×26	8.5	230	250	
S10-H	HOLDER			50	

LONG LENGTH (MM. SIZE)

STOCK NO.	WRENCH SIZE	HEAD THICKNESS	OVERALL LENGTH	WEIGHT	UNIT PRICE
S15-0809	8× 9	4	120	20g	
S15-1012	10×12	5.5	145	40	
S15-1214	12×14	6	165	70	
S15-1417	14×17	6.5	190	90	
S15-1719	17×19	7	210	130	
S15-1921	19×21	7.5	230	170	
S15-2123	21×23	8	250	200	
S15-2326	23×26	8.5	270	280	
S15-H	HOLDER			50	

STANDARD LENGTH (INCH SIZE)

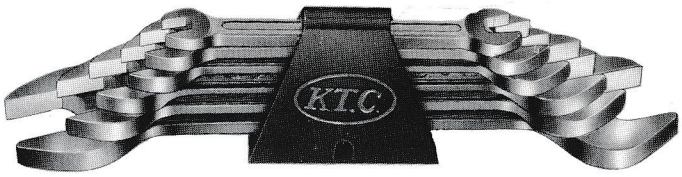
STOCK NO.	WRENCH SIZE	HEAD THICKNESS	OVERALL LENGTH	WEIGHT	UNIT PRICE
SB10-1012	5/16 × 3/8	4.5	110	20g	
SB10-1314	13/32 × 7/16	5	125	40	
SB10-1618	1/2 × 9/16	6	140	60	
SB10-1922	19/32 × 11/16	6.5	160	90	
SB10-2024	5/8 × 3/4	7	180	110	
SB10-2528	25/32 × 7/8	8	210	180	
SB10-H	HOLDER			50	

LONG LENGTH (INCH SIZE)

STOCK NO.	WRENCH SIZE	HEAD THICKNESS	OVERALL LENGTH	WEIGHT	UNIT PRICE
SB15-1214	3/8 × 7/16	5	140	40g	
SB15-1618	1/2 × 9/16	6	165	70	
SB15-1920	19/32 × 5/8	6.5	180	90	
SB15-2224	11/16 × 3/4	7	210	130	
SB15-2528	25/32 × 7/8	8	240	200	
SB15-3032	15/16 × 1/1	8.5	270	280	
SB15-H	HOLDER			50	

OPEN END WRENCH UTILITY SETS

(STANDARD LENGTH)



SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
S106 (6PC)	8×9・10×12・12×14 14×17・17×19・21×23	550g	

SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
S116 (6PC)	8×9・10×12・12×14 14×17・19×21・23×26	660g	

SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
S126 (6PC)	6×7・8×9・10×12 12×14・17×19・21×23	470g	

SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
S136 (6PC)	6×7・8×9・10×12 14×17・19×21・23×26	620g	

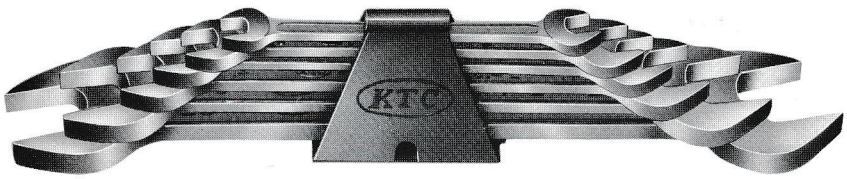
SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
S105 (5PC)	8×9・10×12・12×14 17×19・21×23	460g	

SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
S115 (5PC)	8×9・10×12・14×17 19×21・23×26	600g	

SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
S103 (3PC)	8×9・10×12・14×17	150g	

SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
SB106 (6PC)	5/16×3/8・13/32×7/16・1/2×9/16 19/32×11/16・5/8×3/4・25/32×7/8	530g	

(LONG LENGTH)



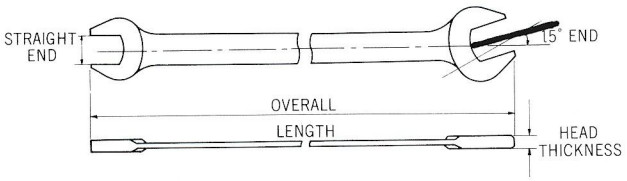
SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
S156 (6PC)	8×9・10×12・12×14 14×17・17×19・21×23	600g	

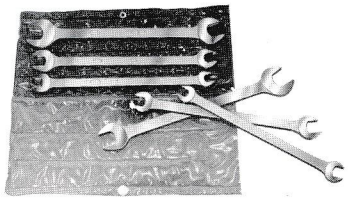
SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
S166 (6PC)	8×9・10×12・12×14 14×17・19×21・23×26	720g	

SET NO.	WRENCH SIZE	WEIGHT	TOTAL PRICE/SET
SB156 (6PC)	3/8×7/16・1/2×9/16・19/32×5/8 11/16×3/4・25/32×7/8・15/16×1/1	870g	

TAPPET SPANNERS
COMBINATION WRENCHES

Both head and handle are made very thin, thus making it suitable for work on engine tappet and special types of machines and screw bolt and nut in narrow space. Despite thin thickness, K.T.C. Spanner is much stronger than ordinary spanners of other makes because of superior quality material used and proper heat treatment.





SET No. S206 (MM. SIZE) TOTAL PRICE/SET _____

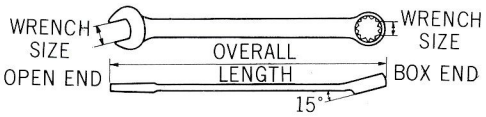
STOCK NO.	WRENCH SIZE 15° END × STRAIGHT END	HEAD-THICKNESS	OVERALL LENGTH	WEIGHT	UNIT PRICE
S20-1012	10×12	4	210	50g	
S20-1210	12×10	〃	〃	〃	
S20-1214	12×14	〃	215	70	
S20-1412	14×12	〃	〃	〃	
S20-1719	17×19	4.5	235	90	
S20-1917	19×17	〃	〃	〃	
	VINYL POUCH			40	

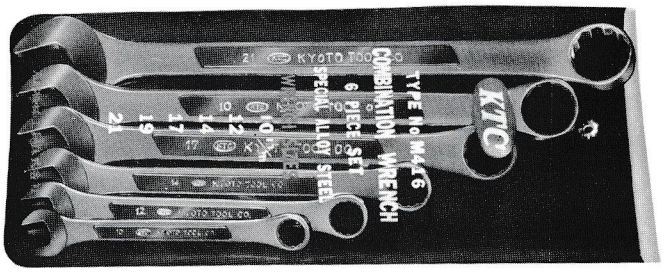
SET No. SB206 (INCH SIZE) TOTAL PRICE/SET _____

STOCK NO.	WRENCH SIZE 15° END × STRAIGHT END	HEAD-THICKNESS	OVERALL LENGTH	WEIGHT	UNIT PRICE
SB20-1416	7/16 × 1/2	4	210	60g	
SB20-1614	1/2 × 7/16	〃	〃	〃	
SB20-1718	17/32 × 9/16	〃	215	〃	
SB20-1817	9/16 × 17/32	〃	〃	〃	
SB20-2022	5/8 × 11/16	4.5	235	100	
SB20-2220	11/16 × 5/8	〃	〃	〃	
	VINYL POUCH			40	

COMBINATION WRENCHES

Combination Wrench has the advantage of Spanner and Offset Wrench and is widely used in U.S.A. Temporary screwing done with Spanner and tight screwing with Wrench. It's safe and efficient wrench.





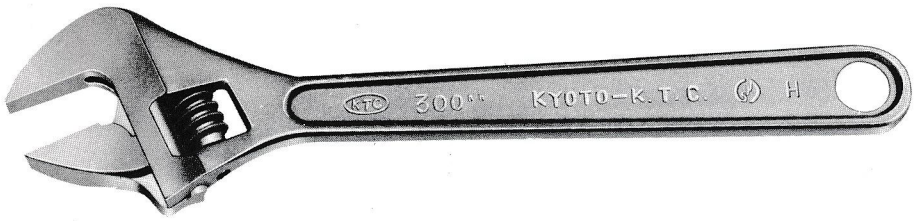
SET No. M416 (MM. SIZE) TOTAL PRICE/SET _____

STOCK NO.	WRENCH SIZE	HEAD DIAMETER BOX END	HEAD DIAMETER OPEN END	OVERALL LENGTH	WEIGHT	UNIT PRICE
M41-10	10	16.5	21	121	40g	
M41-12	12	19	25.5	146	60	
M41-14	14	22	29.5	173	90	
M41-17	17	26	36	213	140	
M41-19	19	28	40	242	180	
M41-21	21	31	44	270	240	
	VINYL POUCH				40	

SET No. MB416 (INCH SIZE) TOTAL PRICE/SET _____

STOCK NO.	WRENCH SIZE	HEAD DIAMETER BOX END	HEAD DIAMETER OPEN END	OVERALL LENGTH	WEIGHT	UNIT PRICE
MB41-14	7/16	17	26	139	50g	
MB41-16	1/2	19	29	157	60	
MB41-18	9/16	21	32	179	90	
MB41-20	5/8	23	35	199	110	
MB41-22	11/16	25	38	219	140	
MB41-24	3/4	27	42	242	190	
	VINYL POUCH				40	

ADJUSTABLE WRENCHES
DRAINCOCK WRENCH



Forged from superior special steel selected by ourselves in co-operation with the steel manufacturer. Heat-treatment, burning and tempering are done in flow type anti-acid furnace with remote-control system.

So toughness: All necessary fundamental research and experiments have been made to make sure the powerfulness of our wrench such as, for instance, about the relations between construction around the pin and strength, the thickness of handle-head and strength, etc., taking into consideration the feeling in use.

Yet so light: Our adjustable wrench is quite powerful although it is spear and thin shaped.

Our adjustable wrench has a specially designed, the center of gravity being in the head.

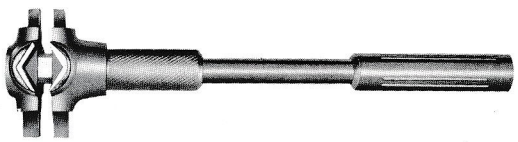
Beautiful appearance with 3 coatings of copper, nickel and chrome done by perfect automatic system and free from corrosion.

K.T.C. adjustable wrench is indeed unique and powerful and will give 100% satisfaction to every user.

MW

STOCK NO.	NOMINAL SIZE	MAX OPENNING SIZE	OVERALL LENGTH	WEIGHT	UNIT PRICE
MW-150	150 (6″)	19	150	100g	
MW-200	200 (8″)	24	200	200	
MW-250	250 (10″)	29	250	330	
MW-300	300 (12″)	34	300	530	

DRAINCOCK WRENCH



DW

STOCK NO.	NOMINAL SIZE	OVERALL LENGTH	WEIGHT	UNIT PRICE
DW-280	280	280	860g	

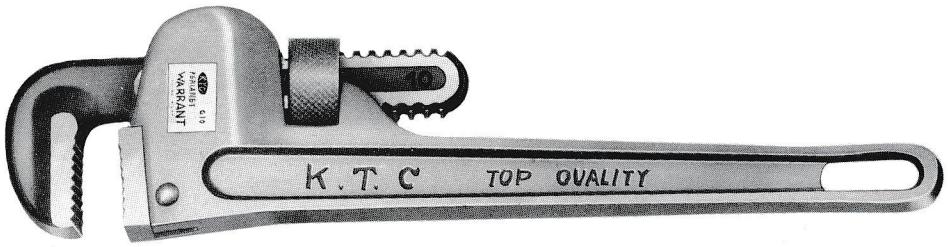
Yet So Light: Made of special steel of superior quality.

So Toughness: All parts are finished by precision machine and treated with the Bright Quench and Temperd method.

All parts are 3 times plated wity Copper, Nickel & Chrome.

Can be used for any type of Draincock ranging from 4.7mm to 46.3mm in diameter and squar or hexagonal handle.

PIPE WRENCHES (PAT'D)



K.T.C. Pipe Wrenches are enjoying a good reputation and gaining absolute confidence in U.S.A. and Australia. During the last three years, a tatal of 700, 000 pieces of our Pipe Wrenches have been exported to these countries. The demand for KTC products is steadily increasing.

So Toughness: Body is made of "Spheruitic Iron" which is very strong.

Blade is made by H.F.Q. treatmrent which is K.T.C.'s unique method of treatment, so it does not break or bend. Our Pipe Wrench is sufficiently strong to pass U.S. Federal Specification.

For example, a K.T.C. Pipe Wrench of 450mm (18") is powerful enough to hang eleven adults, being more than twice stronger than Japan Industrial Standard.

The upper bolt is not round type, but ladder type, So, Nut moves smoothly.

Yet So Light: Combination of frame and body serves to reduce the weight. Our Pipe Wrench is about 10% lighter than other products.

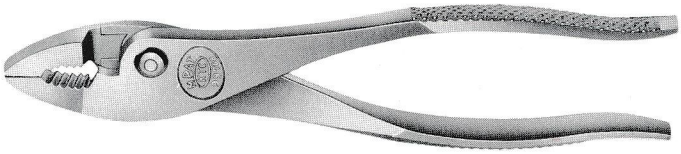
K.T.C. Pipe Wrench is more powerful than Spanner & adjustable Wrench and is suitable for loosening rusty Bolt-Nut.

Pipe Wrenches of below 10" are not generally used, but KTC Pipe Wrench of any dimension is so powerful that even Bolt-Nut encrusted with rust can be loosen easily.

PW

STOCK NO.	NOMINAL SIZE	OVERALL LENGTH	OPENNING SIZE	WEIGHT	UNIT PRICE
PW-200	200 (8″)	220	3～25	330g	
PW-250	250 (10″)	270	10～38	690	
PW-300	300 (12″)	340	13～38	1,030	
PW-350	350 (14″)	370	13～51	1,310	
PW-450	450 (18″)	470	13～64	2,120	
PW-600	600 (24″)	640	19～76	3,940	

SLIP JOINT COMBINATION PLIERS
UNIVERSAL MULT GRIP PLIERS

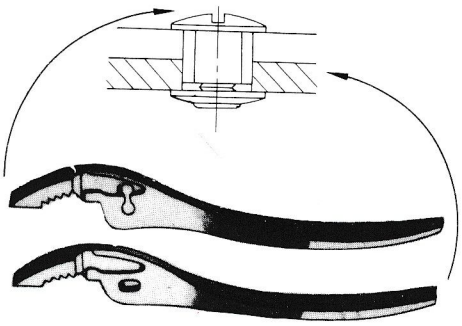


JP

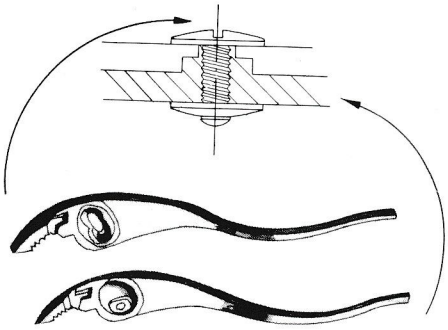
STOCK NO.	NOMINAL SIZE	OVERALL LENGTH	WEIGHT	UNIT PRICE
JP-150	150mm	150	150g	
JP-200 (PAT'D)	200mm	200	220	

Our patent is the outcome of many years' research and experimients.
It's a world-wide invention applied to the part of Joint, which is most essential in deciding the goodness of Plier, and this is the reason why K.T.C. Plier is twice more durable than other makers' products.

Old Products



KTC New Products



Compared with other makes, K.T.C. Plier has the following advantage: –

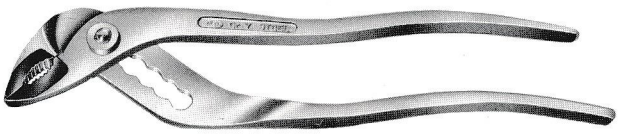
Joint axle: Friction area is 30% wider than other makes, because joint axle projects from main body, which greatly reduced defacement

Joint: Joint is not spoiled because it is joined at the part of friction without burdening bolt.

Non-loosensess: Bolt & Nut of K.T.C. Plier serve as double nut and are perfectly fixed to prevent loosening.

Blade: Properly sharpened and hardened and made quite strong by Heat treatment. K.T.C. Plier will give full satisfaction to every user.

UNIVERSAL MULT GLIP PLIER



WP

STOCK NO.	NOMINAL SIZE	OVERALL LENGTH	WEIGHT	UNIT PRICE
WP-250	250	240	270	

K.T.C. Waterpump Plier is made of chrome vanadium special steel, having been treated by thoroughgoing autmotic heat treatment.

So Toughness: Same as Plier.

Yet So Light: Light in weight and well balanced.

K. T. C. Waterpump Plier can be used pleasantly with comforatable grip as it was made after close research and repeated experiments.

SIDE CUTTING HEAVY DUTY DIAGONAL CUTTING ROUND NOSE CHIN (WITH SIDE CUTTER) PLIERS

K.T.C. SIDE CUTTING PLIER, DIAGONAL CUTTING PLIER & ROUND NOSE CHIN herewith introduced are all made with most selected material and by the latest heat treating technique, hence no worry about breaking of blade or loosening of joint.

K.T.C. products are superior to other makes in the following points: –

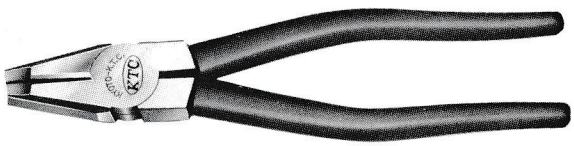
Yet So Light: Unnecessary part of top reduced to lighter weight.

So Toughness: 20-30% ~~none~~ more powerful than Japan Industrial Standard.

Easy-to-use: Handle is vinyl-coated to prevent electric shock and gives a comfortable, soft feeling in gripping.

Sharp Blade: (Durability of blade is remarkable excellent)

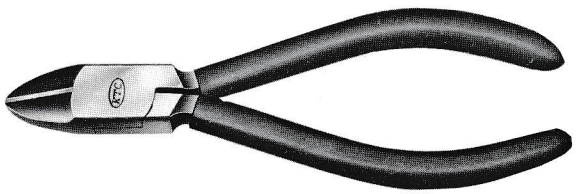
SIDE CUTTING PLIERS



SP

STOCK NO.	NOMINAL SIZE	OVERALL LENGTH	WEIGHT	UNIT PRICE
SP-150	150MM	150	210 g	
SP-175	175	175	300	
SP-200	200	200	370	

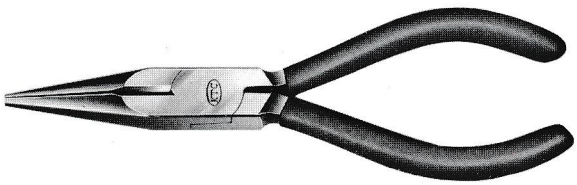
HEAVY DUTY DIAGONAL PLIER



DP

STOCK NO.	NOMINAL SIZE	OVERALL LENGTH	WEIGHT	UNIT PRICE
DP-150	160MM	160	160g	

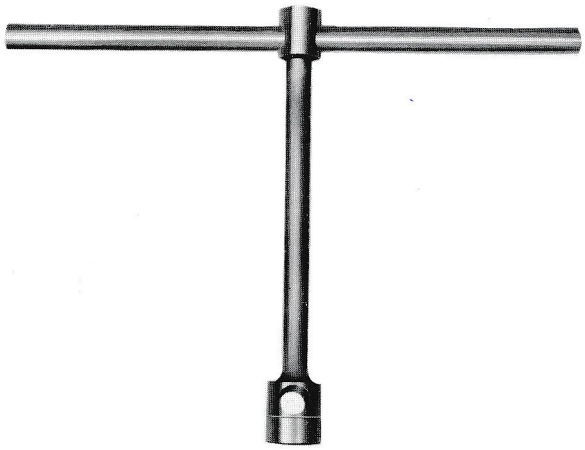
ROUND NOSE CHIN PLIERS (WITH SIDE CUTTER)



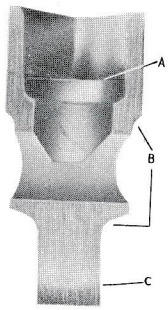
RP

STOCK NO.	NOMINAL SIZE	OVERALL LENGTH	WEIGHT	UNIT PRICE
RP-160	160MM	160	130g	

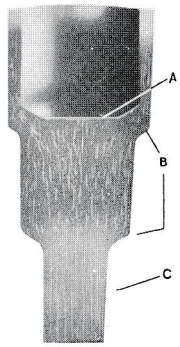
KTC WHEEL NUT WRENCHES (PAT'D)



Other Product



KTC New Product



	Other Product	KTC New Product
A. Socket Bottom	The hexagonal hole is made after first making a round hole, so cutting waste remains inside; also acid remains after plating, which cause rusting.	Shaped by our unique method, and no cutting-seam appears hence clean and prevent rusting.
B. Neck	Metallic fibre runs straight and is cut, which makes the Wrench weak.	Metallic fibre runs along the snape, which makes the Wrench very strong.
C. Handle	Make by Flashbat welding which often causes breakage. Handle is made of different material.	Never break or bend as no welding is done
D. Dimension & Hexagonal part	Shape is inaccurate due to defective finish.	Shape is quite accurate

WH

ARTICLES	STOCK NO.	WRENCH SIZE	OVERALL LENGTH	WEIGHT	UNIT PRICE
DOUBLE HEAD	WH-1735	17×35	390	1,720g	
	WH-2038	20×38	440	2,010	
	WH-2138	21×38	〃	1,980	
	WH-2932	29×32	〃		
	WH-2141	21×41	〃	2,080	
	WH-2326	23×26	250	640	
	WH-2123	21×23	230	500	
	WH-1921	19×21	〃	420	
SINGLE HEAD	WH- 19	19	200		
	WH- 21	21	〃	440	
	WH- 23S	23	〃	540	
	WH- 23L	〃	300	740	
	WH- 26	26	〃	750	

HANDLE WRENCHES (PAT'D)

We manufactrcre various kinds of handle wrenches such as T-type handle socket Wrench, Cross-Rim Wrench, off-Set handle socket "L" type Wheel-nut, L-type handle socket Wrench, etc.

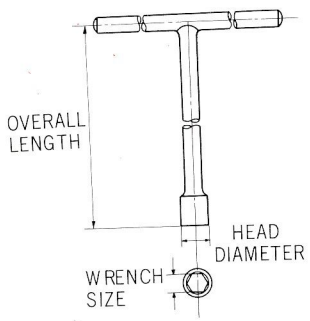
Our Handle Wrenches are much stronger than products of other makers because K.T.C. Handle Wrench is a full piece consisting of socket and axle, other maker's wrench consists of two separte pieces of spclet and axle welded together. Degree of precision of socket is as good as Socket Wrench.

So Toughness: K.T.C. Handle Wrenchs are three times more powerful than Japan Industrial Standard because one full piece Consists of socket and axle and moreover, metallic fibre line is continuing.

Yet So Light: The same patent method of making for socket Wrench is applied to Handle Wrenches. Our products are so light in weight.

K.T.C. Handle Wrenches have comfortable grip and are made to prevent slipping by shot-peaning treatment.

T-TYPE HANDLE SOCKET WRENCHES



TH (MM. SIZE)

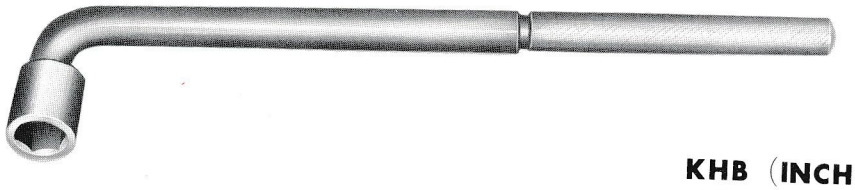
STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
TH-08	8	12.5	250	180g	
TH-10	10	15.5	〃	300	
TH-12	12	18	〃	430	
TH-14	14	20.5	〃	440	
TH-17	17	24.5	300	540	
TH-19	19	28	〃	680	
TH-21	21	30.5	〃	780	
TH-23	23	33	〃	880	

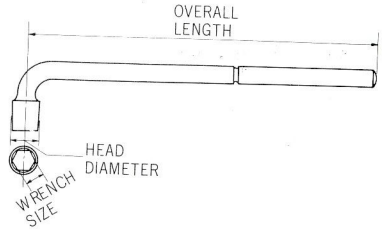
THB (INCH SIZE)

STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
THB-10	5/16	12.5	250	200g	
THB-12	3/8	14.5	〃	280	
THB-13	13/32	16	〃	290	
THB-14	7/16	17	〃	280	
THB-16	1/2	19	〃	440	
THB-18	9/16	21	260	470	
THB-19	19/32	22	〃	470	
THB-20	5/8	23	300	540	
THB-22	11/16	25	〃	540	
THB-24	3/4	28	〃	780	

HANDLE WRENCHES (PAT'D)

OFFSET HANDLE SOCKET WRENCHES





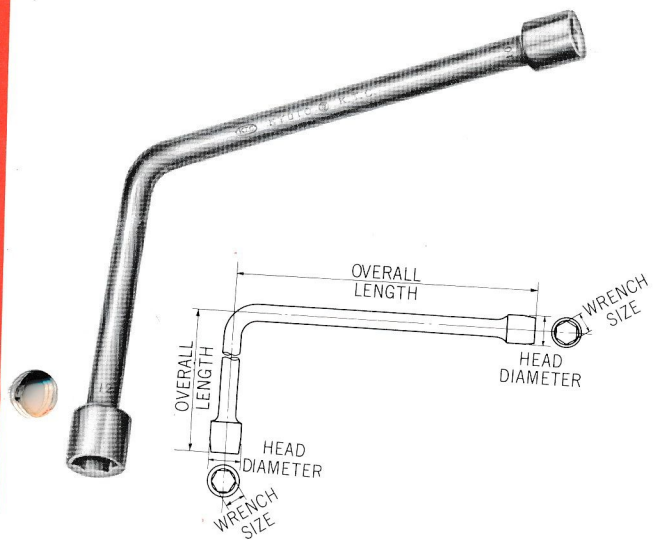
KH (MM. SIZE)

STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
KH-08	8	13.5	200	160g	
KH-10	10	16.5	〃	170	
KH-12	12	19	250	260	
KH-14	14	22	〃	280	
KH-17	17	26	300	460	
KH-19	19	29	〃	490	
KH-21	21	31.5	〃	600	
KH-23	23	34	〃	660	

KHB (INCH SIZE)

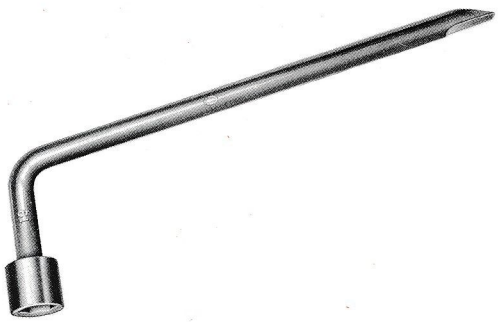
STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVRALL LENGTH	WEIGHT	UNIT PRICE
KHB-10	5/16	13.5	200		
KHB-12	3/8	15.5	〃	180g	
KHB-13	13/32	16.5	〃	〃	
KHB-14	7/16	18	〃		
KHB-16	1/2	20	250	270	
KHB-18	9/16	22.5	〃	300	
KHB-19	19/32	23.5	〃	280	
KHB-20	5/8	24.5	300	400	
KHB-22	11/16	26.5	〃	410	
KHB-24	3/4	29	〃	420	

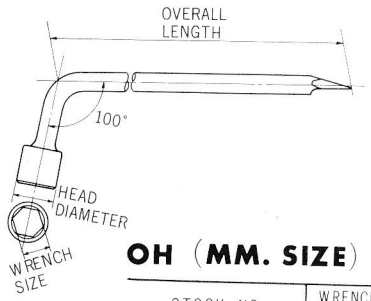
L-TYPE HANDLE SOCKET WRENCHES



	STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
LH (MM.)	LH-0809	8×9	13.5×15	100×150		
	LH-1012	10×12	16.5×19	140×200	300g	
	LH-1214	12×14	19×22	140×200	330	
	LH-1417	14×17	22×26	160×220	480	
	LH-1719	17×19	26×29	180×240	560	
	LH-1921	19×21	29×31.5	200×260	810	
	LH-2123	21×23	31.5×34	200×260	820	
LHB (IN.)	LHB-1012	5/16 × 3/8	13.5×15.5	110×150		
	LHB-1314	13/32 × 7/16	16.5×18	120×170	220g	
	LHB-1618	1/2 × 9/16	20×22.5	140×200	330	
	LHB-1922	19/32 × 11/16	23.5×26.5	160×220	500	
	LHB-2025	5/8 × 25/32	24.5×30	200×240	620	
	LHB-2428	3/4 × 7/8	29×33	200×260	810	

"L"-TYPE WHEEL NUT WRENCHES



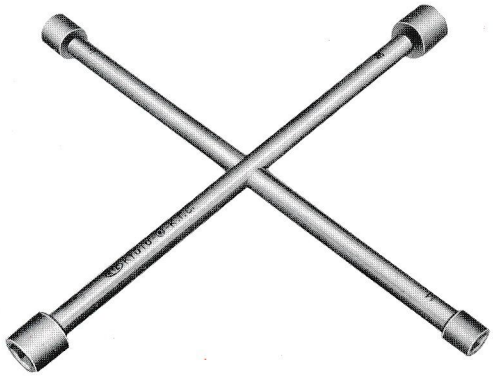


OH (MM. SIZE)

STOCK NO.	WRENCH SIZE	HEAD DIAMETER	OVERALL LENGTH	WEIGHT	UNIT PRICE
OH-19	19	30	300	500g	
OH-21	21	31	280	660	
OH-23	23	34	300	720	

HANDLE WRENCHES
SCREW DRIVERS

CROSS-RIM WRENCHES



XH (MM. & INCH SIZE)

STOCK NO.	WRENCH SIZE	OVERALL LENGTH	WEIGHT	UNIT PRICE
XH-1421	14×17×19×21	400	1,360g	
XH-1926	19×21×23×26	400	1,500	
XHB-2028	5/8×3/4×13/16×7/8	400	1,420	

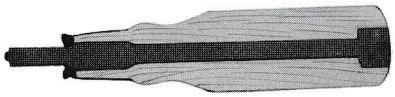
SCREW DRIVERS

Advantage of K.T.C. Driver:–

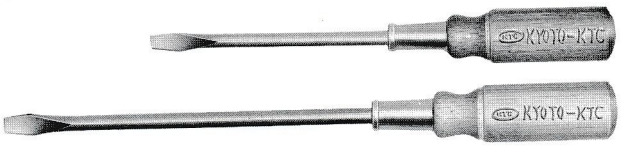
So Toughness: As shown by illustration, the main body perfectly sticks to handle, thus making screw-power 1.5 times of JIS grade.

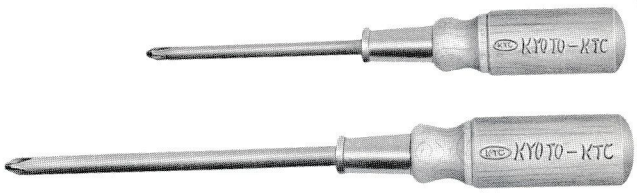
Blade is treated by R.C.A.T. heat-treating method and never breaks.

Yet So Light: Made in most appropriate weight of Driver.



Body and Handle never become loose like other maker's driver. K.T.C. Driver can stand rough use and can be used pleasantly for quite a long time.





MD & PD

ARTIC LES	STOCK NO.	BLADE DIAMETER	BLADE LENGTH	OVERALL LENGTH	WEIGHT	UNIT PRICE
(MD) MINUS DRIVER	MD- 50	4.5	50	140	40 g	
	MD- 75	5.5	75	180	60	
	MD-100	6	100	210	90	
	MD-125	7	125	250	130	
	MD-150	8	150	290	180	
	MD-200	9	200	335		
	MD-250	10	250	400	280	
	MD-300	〃	300	450	290	
(PD) CROSS DRIVER	PD-1	NO. 1	75	165	50 g	
	PD- 2	NO. 2	100	215	90	
	PD- 3	NO. 3	150	285	180	
	PD- 4	NO. 4	200	345	250	

PORTABLE MECHANIC-KIT

K.T.C. Assortment of this MECHANIC-KIT has been selected by the company after studying opinions of 60 shops, picked up from 700 automobile repair shops, also as a result of Discussions between our technicians and chief mechanician of these shops, as regards actual requirements of mechanician etc.

Our Portable Tool Set, therefore, contains quite a wide variety of K.T.C. tools which are most important and indispensable for workmen.

Tools are packed in an attractive strong steel case of a smart design ~~tinted~~ enameld beautifully. The case is so designed that its easy to carry, convenient for taking out and putting back.

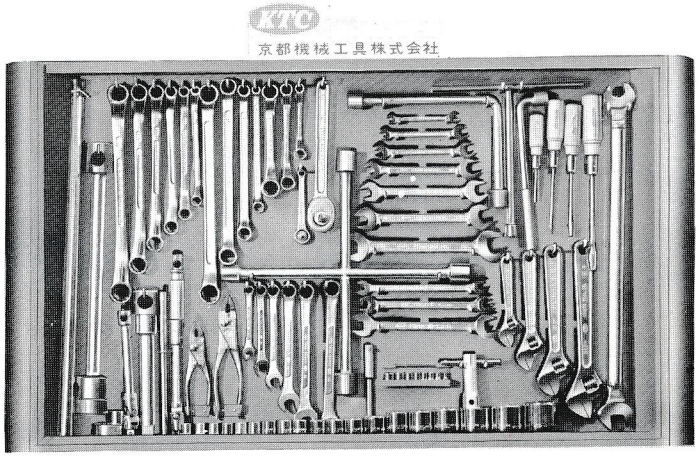
We earnestly request all mechanician to have K.T.C. Portable Mechanic-Kit order to increase efficiency.

SET No. SK30 **List of Assortment** TOTAL PRICE / SET _____

ARTICLES	SIZE	WEIGHT	QUANTITY	ARTICLES	SIZE	WEIGHT	QUANTITY
OPEN END WRENCH (LONG LENGTH・MM)	6P'CE	600g	1set	UNIVERSAL MULT GLIP PLIER	240MM	270g	1
				BALL PEEN HAMMER	0.45kg	610	1
OFFSET WRENCH (45° LONG TYPE・MM)	6P'CE	1,310	1set	COLD CHISEL	165MM	290	1
				CENTER PUNCH	125MM	60	1
ADJUSTABLE WRENCH	200MM	200	1	PUNCH	6MMφ	30	1
〃	300MM	530	1	〃	10MMφ	60	1
SLIPE JOINT COMBNATION PLIERS	200MM	220	1	HALF ROUND FILE	100MM	50	1
PIPE WRENCH (RICHTYPE)	200MM	330	1	OILER	30CC	10	1
HEAVY DUTY DRIVER	250MM	360	1	OIL STONE	75×20×7	20	1
DRIVER (−)	100MM	90	1	FUNNEL	90MMφ	10	1
〃 (+)	100MM	90	1	THICKNESS GAGE		30	1
〃 (+)	150MM	180	1	PLUG WRENCH	16×21	130	1
STUBBY SCREW DRIVER	50MM	70	1	VINYL HOSE	6φ×1,000	20	1
BABY DRIVER	50MM	10	1	METAL DISH	360×115×35	320	1
ROUND NOSE CHIN (WITH SIDE CUTTERS) PLIER	160MM	130	1	METAL CASE	370×200×110	1,780	1

MECHANIC-KIT

K.T.C. Mechanic-Kit contains a wide range of K.T.C. tools indispensable for repair shops, automobile bicycle shops, etc., and gives great help in increasing efficiency.



SET No. MK90 **List of Assortment** TOTAL PRICE/SET _____

ARTICLES	SIZE	WEIGHT	QUANTITY
OPEN END WRENCH	8× 9	20g	1
〃 (LONG LENGTH)	10×12	40	1
〃	12×14	70	1
〃	14×17	90	1
〃	17×19	130	1
〃	19×21	170	1
〃	23×26	280	1
TAPPET SPANNER	10×12	50	1
〃	12×10	50	1
〃	12×14	70	1
〃	14×12	〃	1
〃	17×19	90	1
〃	19×17	〃	1
45° LONG TYPE OFFSET WRENCH	10×12	70	1
〃	12×14	110	1
〃	14×17	150	1
〃	17×19	220	1
〃	19×21	310	1
〃	23×26	480	1
45° SHORT TYPE OFFSET WRENCH	10×12	40	1
〃	14×17	110	1
〃	19×21	180	1
60×10° LONG TYPE OFFSET WRENCH	10×12	70	1
〃	14×17	140	1
〃	19×21	250	1
〃	23×26	390	1
COMBINATION WRENCH	10	30	1
〃	12	50	1
〃	14	70	1
〃	17	110	1
〃	19	150	1
〃	21	210	1
¼Sq SOCKET WRENCH	4	10	1
〃	5	〃	1
〃	6	〃	1
〃	7	〃	1
〃	8	〃	1
〃	9	〃	1
〃	10	20	1
〃	12	〃	1

ARTICLES	SIZE	WEIGHT	QUANTITY
½Sq SOCKET WRENCH	10	40g	1
〃	11	〃	1
〃	12	50	1
〃	13	〃	1
〃	14	〃	1
〃	14.5	〃	1
〃	16	70	1
〃	17	60	1
〃	17.5	〃	1
〃	19	80	1
〃	21	90	1
〃	23	100	1
〃	26	130	1
¾Sq HEAVY DUTY SOCKET WRENCH	26	190	1
〃	29	210	1
〃	32	280	1
〃	35	350	1
〃	38	400	1
〃	41	460	1
PLUG WRENCH	16×21	130	1
SPINNER HANDLE ¼Sq (6.3sq)	150	90	1
SLIDING BAR 5φ	100	20	1
SPINNER HANDLE ½Sq (12.7sq)	300～380	600	1
SLIDING BAR 12φ	250	220	1
EXTENSION BAR ½Sq (12.7sq)	150	230	1
UNIVERSAL JOINT	½Sq (12.7)	180	1
{ EXTENSION BAR ¾Sq (19sq)	200	760	1
{ SLIDING HEAD	¾Sq (19)	280	1
RACHET HANDLE ¼Sq (6.35sq)	125	80	1
〃 ½Sq (12.7sq)	270	480	1
ADJUSTABLE WRENCH	150	100	1
〃	200	200	1
〃	250	330	1
〃	300	530	1
SLIP JOINT COMBNATION PLIER	150	150	1
〃	200	220	1
CROSS-RIM WRENCH 19×21×23×26		1,500	1
U BOLT NUT WRENCH ~~& BAR~~	23×26	1,540	1
WHELL NUT WRENCH & BAR	21×38	3,600	1
L-TYPE HANDLE SOCKET WRENCH	17×19	560	1
T-TYPE HANDLE SOCKET WRENCH	12	430	1
OFFSET HANDLE SOCKET WRENCH	14	280	1
SCREW DRIVER	50	40	1
〃	100	90	1
〃	150	180	1
CROSS	No. 2	90	1
THICKNESS GAGE	0.04～0.3mm		1
STUD REMOVER 12.7sq		400	1
MK90-M MECHANIC-KIT CASE	1100×615	13,740	1
MK90 MECHANIC-KIT	×110	32,100	1

KYOTO TOOL CO., LTD.

KTC

KYOTO TOOL CO., LTD.

SHIMOTOBA, FUSHIMI-KU, KYOTO, JAPAN

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